



PATENT

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant: Meyer et al.

U.S. Serial No. 10/748,084

Filed: December 30, 2003

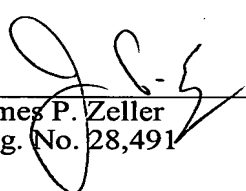
For: METAL OXIDE POWDERS
AND METAL OXIDE-BINDER
COMPONENTS WITH BIMODAL
PARTICLE SIZE DISTRIBUTIONS,
CERAMICS MADE THEREFROM,
METHOD OF PRODUCING
BIMODAL METAL OXIDE
POWDERS, METHOD FOR
PRODUCING CERAMICS, AND
DENTAL CERAMIC PRODUCTS

Group Art Unit: 1755

Examiner: David R. Sample

I hereby certify that this paper is being
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October 11, 2006


James P. Zeller
Reg. No. 28,491

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith for consideration by the examiner are copies of the documents
identified on the attached Form PTO-1449.

CA 2 380 576 is an English language equivalent of WO 01/12097 A1.

U.S. 6,796,143 B2 is an English language equivalent of EP 1 195 360 A1.

U.S. 4,657,754 is an English language equivalent of DE 36 88 775 T2.

Concise statements of relevance of the German language documents are found in the
specification.

Entry and consideration of the submitted documents are solicited.

Respectfully submitted,

MARSHALL, GERSTEIN & BORUN LLP

October 11, 2006

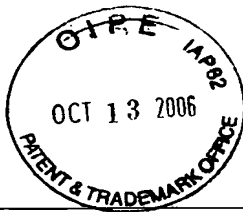
By: 

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Sheet 1 of 2

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No.	Serial No.
		30691/MEY5103	10/748,084
		Applicant	
		Meyer et al.	
INFORMATION DISCLOSURE STATEMENT		Filing Date	Group
		12/30/03	1755

U.S. PATENT DOCUMENTS

*Examiner Initials	Document Number	Issue Date	Name	Class	Subclass	Filing Date if Appropriate
	4,978,640	12/18/90	Kelly	501	32	
	5,376,442	12/27/94	Davidson et al.	428	307.7	
	5,723,393	03/03/98	Majumdar et al.	501	104	
	6,796,143 B2	09/28/04	Clasen et al.	65	17.3	

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	CA 2 380 576	02/22/01	Canada			Abstract only	
	1 195 360 A1	04/10/02	EPO				X
	101 20 084	10/24/02	Germany			Abstract only	
	WO 01/12097 A1	02/22/01	PCT			Abstract only	

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 30691/MEY5103	Serial No. 10/748,084
INFORMATION DISCLOSURE STATEMENT		Applicant Meyer et al.	
		Filing Date 12/30/03	Group 1755

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	"Monodispersed Metal (Hydrous) Oxides - A Fascinating Field of Colloid Science", Matijevic, Acc. Chem. Res., 1981, pp. 22-29
	"Formation, Packing, and Sintering of Monodisperse TiO ₂ Powders, Barringer et al., J. Am. Ceram. Soc. 1982, pp. C199-C201
	"Applications of Sol-Gel Methods for Glass and Ceramics Processing", Mackenzie, Ultrastructure Processing of Ceramics, Glasses and Composites, 1984, pp. 15-26
	"Synthesis and Characterization of Monosized Doped TiO ₂ Powders", Fegley Jr. et al., J. Am. Ceram. Soc. 1984, pp. C113-C116
	"Synthesis, Characterization, and Processing of Monosized Ceramic Powders", Fegley et al., Mat., Res. Soc. Symp. Proc. Vol. 32, 1984, pp. 187-197
	"Preparation of Y-Doped Zirconia by Emulsion Technique", Rinn et al., Ceramic Powder Processing Science (Proceedings of the Second International Conference, October 12-14, 1988, pp. 221-228
	"Herstellung Nanoskaliger Pulver Durch Thermische Synthese im Pulsationsreaktor", Begand et al., 1988, D-12-D-16
	"Einsatz des Pulsationsreaktors für die Stoffbehandlung in der Chemischen Industrie", Begand et al, 1988, pp. 746-749
	"Processing of Nanosized Ceramic Powders - A Bimodal Slip Casting Approach", Bowen et al., Ceramic Transactions, 1988, pp. 211-218
	"Preparation of Monodisperse ArO ₂ by the Microwave Heating of Zirconyl Chloride Solutions", Moon et al., J. Am. Ceram. Soc. 78[4], 1995, pp. 1103-1106
	"Sintering of Bimodal Y ₂ O ₃ -Stabilized Zirconia Powder Mixtures with a Nanocrystalline Component", Moskovits et al., NanoStructured Materials, Vol. 11, No. 2, 1999, pp. 179-185
	"Sintering of Bimodal Alumina Powder Mixtures with a Nanocrystalline Component", Ravi et al. NanoStructured Materials, Vol. 11, No. 7, 1999, pp. 853-859
	Encyclopedia Chemie of Brockhaus, Volume 1/A-K pp. 565-566
	Search Report in EP 03 02 8804 dated April 6, 2006

Examiner	Date Considered
<p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p>	